

**REMARKS**

The Office Action issued by the Examiner on December 27, 2005 and the citations referred to in the Office Action have been carefully considered. Claims 1-29 are currently pending. Applicant has amended claims 1, 9, 24, and 28. These amendments have been made solely for clarification purposes and not for any purpose related to patentability.

**Claim Objections**

The Examiner objected to claim 28 based on informalities. In particular, the Examiner states that claim 28 is not a complete sentence. Applicant has amended claim 28 to clarify that the word “and” and the semicolon should be removed. Accordingly, Applicant submits that the objection to claim 28 should be withdrawn.

**Rejections of claims 1, 2, 5-7, 9-12, 21-24,  
and 26-20 under 35 U.S.C. § 102(e)**

The Examiner rejected 1, 2, 5-7, 9-12, 21-24, and 26-20 under 35 U.S.C. § 102(e) over U.S. Patent No. 6,018,768 to Ullman et al. (“Ullman”). Applicant requests that the Examiner indicate what claims are being rejected by claims “26-20.” Based on the body of the text of the Office Action, Applicant assumes that the Examiner intended to mean claims 26-29. Applicant has proceeded on this basis and asks the Examiner to provide clarification otherwise.

Further, Applicant has amended the claims to clarify that Ullman does not teach a “code fragment” as recited in the claims. The claims have been amended solely for clarification purposes and not for any reason related to patentability. Before proceeding to a discussion of the claims, Applicant would like to provide a brief discussion on Ullman.

Ullman is directed to “computer based system for receiving a video program along with embedded uniform resource locators (URLs) -- which direct the user’s computer 16 to address locations, or Web sites, on the Internet 20 to retrieve related Web pages.” See Ullman, col. 4, lines 44-49. Under the Examiner’s interpretation, the URL of Ullman is a code fragment. See

Office Action, page 2. While Applicant disagrees with the Examiner's interpretation, even if the Examiner's interpretation were correct, Ullman at most would teach a computer that receives a code fragment which instructs the computer to remotely obtain a web page through the Internet. As will be discussed, the code fragment recited within the claims allows the computer to perform local actions. The code fragment in the claims is not limited to remote actions and can perform remote actions, but Ullman does not teach a code fragment that is capable of performing local actions.

### **Claim 1**

Amended independent claim 1 makes clear that the enhanced broadcasting system has "a storage medium associated with the computer that stores a document." Further, amended independent claim 1 makes clear that the computer executes software for "locally modifying the document based on the interpreted instruction." Under the Examiner's interpretation of a code fragment, a computer executes an http instruction for a URL in order to remotely obtain a document through the Internet. An http instruction on a URL does not locally modify a stored document.

Further, amended independent claim 1 makes clear that the second display unit has "a screen display that displays the document at a first time and displays a subsequent modification to the document based upon the interpreted instruction of the code fragment at a second time." At most, Ullman teaches displaying web pages that are remotely obtained. Ullman does not teach displaying a document, locally modifying the document based on an interpreted instruction from the a code fragment, and then subsequently displaying the locally modified document.

Accordingly, Applicant submits that claim 1 is in condition for allowance. Therefore, Applicant contends that the rejection of claim 1 should be withdrawn.

**Claims 2-5, 7, and 21-23**

Claims 2-5, 7, and 21-23 depend from claim 1. Accordingly, Applicant submits that claims 2-5, 7, and 21-23 are in condition for allowance. Therefore, Applicant contends that the rejections of claims 2-5, 7, and 21-23 should be withdrawn.

**Claim 9**

Amended claim 9 makes clear that the method for providing enhanced television broadcasting includes “locally modifying a document based on the interpreted instruction” and “displaying modified document on a screen display which is updated based upon the interpreted instruction on a second display screen at the common time.” For the reasons discussed above, Ullman does not teach “locally modifying a document based on the interpreted instruction” and “displaying modified document on a screen display which is updated based upon the interpreted instruction on a second display screen at the common time.”

Accordingly, Applicant submits that claim 9 is in condition for allowance. Therefore, Applicant contends that the rejection of claim 9 should be withdrawn.

**Claims 10-12**

Claims 10-12 depend from claim 9. Accordingly, Applicant submits that claims 10-12 are in condition for allowance. Therefore, Applicant contends that the rejections of claims 10-12 should be withdrawn.

**Claim 24**

Amended claim 24 makes clear that the enhanced broadcasting system includes a “computer configured to receive a code fragment and execute at least one instruction in the code fragment to locally modify a document stored at the computer based on the at least one instruction” and “a second display, connected to the computer, having a screen display that displays the document at a first time and displays a subsequent modification to the document

based upon the computer's execution of the at least one instruction in the code fragment at a second time." For the reasons discussed above, Ullman does not teach a "computer configured to receive a code fragment and execute at least one instruction in the code fragment to locally modify a document stored at the computer based on the at least one instruction" and "a second display, connected to the computer, having a screen display that displays the document at a first time and displays a subsequent modification to the document based upon the computer's execution of the at least one instruction in the code fragment at a second time."

Accordingly, Applicant submits that claim 24 is in condition for allowance. Therefore, Applicant contends that the rejection of claim 24 should be withdrawn.

#### **Claims 26-29**

Claims 26-29 depend from claim 24. Accordingly, Applicant submits that claims 26-29 are in condition for allowance. Therefore, Applicant contends that the rejections of claims 26-29 should be withdrawn.

#### **Rejections of claims 4, 8, and 25 under 35 U.S.C. § 103(a)**

The Examiner rejected claims 4, 8, and 25 under 35 U.S.C. § 103(a) over Ullman. Specifically, the Examiner takes official notice that "utilizing JavaScript applets are notoriously well known in the art." Applicant traverses the Examiner's official notice as there has been no showing that JavaScript applets were notoriously well known in the art at the time of the invention.

Further, the Examiner states that "it would have been obvious to one of ordinary skill in the art to modify Ullman to utilize JavaScript to create more interactive and aesthetically pleasing web content." Claims 4, 8, and 25 are directed to a code fragment being written in JavaScript. According to the Examiner, a URL is a code fragment. Applicant submits that one of ordinary skill in the art would not write a URL in JavaScript. Even if one of ordinary skill in the art modified Ullman to have JavaScript, at most, the content would be written in JavaScript. In other words, the item that the Examiner asserts is a code fragment in Ullman, i.e., the URL,

would not be written in JavaScript. Therefore, even if Ullman were modified by one of ordinary skill in the art to include JavaScript, Ullman still would not teach a code fragment written in JavaScript.

In addition, claims 4 and 8 depend from amended independent claim 1 while claim 25 depends from amended claim 24. Accordingly, claims 4, 8, and 25 are in condition for allowance for the reasons discussed above. Therefore, Applicant submits that the rejections of claims 4, 8, and 25 should be withdrawn.

#### **Rejection of claim 3 under 35 U.S.C. § 103(a)**

The Examiner rejected claim 3 under 35 U.S.C. § 103(a) over Ullman in view of U.S. Patent No. 6,173,317 to Chaddha et al. ("Chaddha"). Claim 3 depends from amended independent claim 1. Accordingly, claim 3 is in condition for allowance for the reasons discussed above. Therefore, Applicants submits that the rejection of claim 3 should be withdrawn.

#### **Rejections of claims 13-20 under 35 U.S.C. § 103(a)**

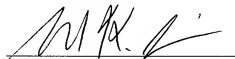
The Examiner rejected claims 13-20 under 35 U.S.C. § 103(a) over Ullman in view of U.S. Patent No. 6,340,159 to Giangrante ("Giangrante"). Claims 13-20 depend from amended independent claim 1. Accordingly, claims 13-20 are in condition for allowance for the reasons discussed above. Therefore, Applicants submits that the rejections of claims 13-20 should be withdrawn.

#### **Conclusion**

It is respectfully submitted that all of the Examiner's objections have been successfully traversed and that the application is now in order for allowance. Accordingly, reconsideration of the application and allowance thereof is courteously requested.

The Director is authorized to charge any additional fee(s) or any underpayment of fee(s), or to credit any overpayments to **Deposit Account Number 50-2638**. Please ensure that Attorney Docket Number 54317-016800 is referred to when charging any payments or credits for this case.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Samuel K. Simpson', is written over a horizontal line.

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